

FIGURE 1

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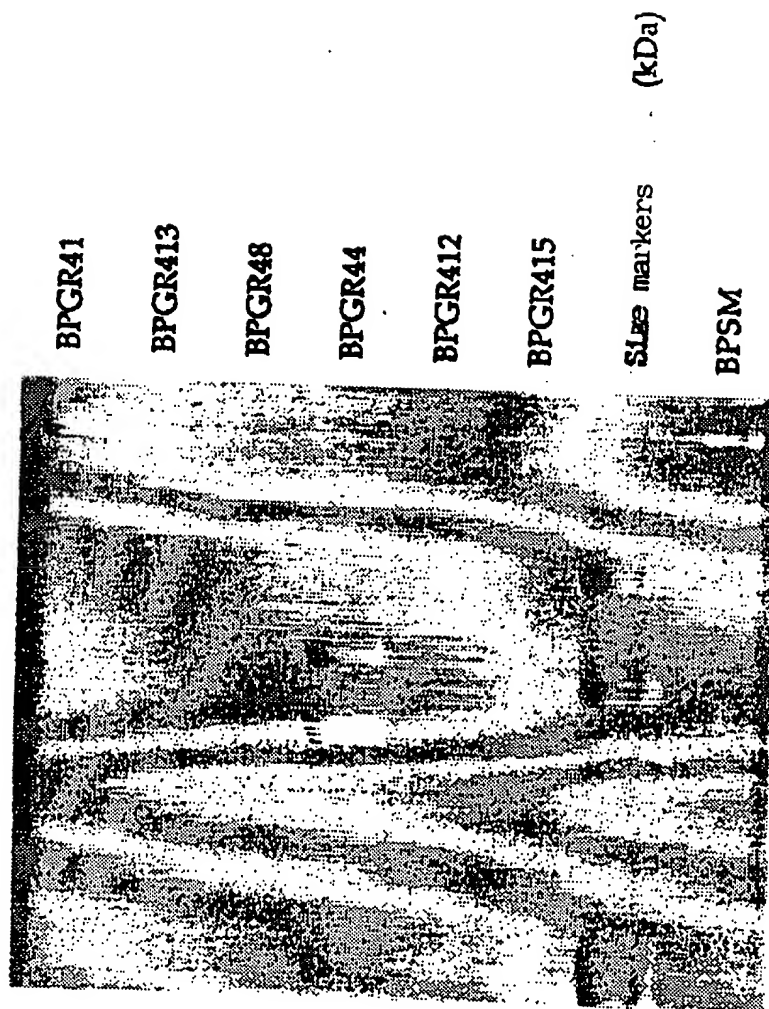
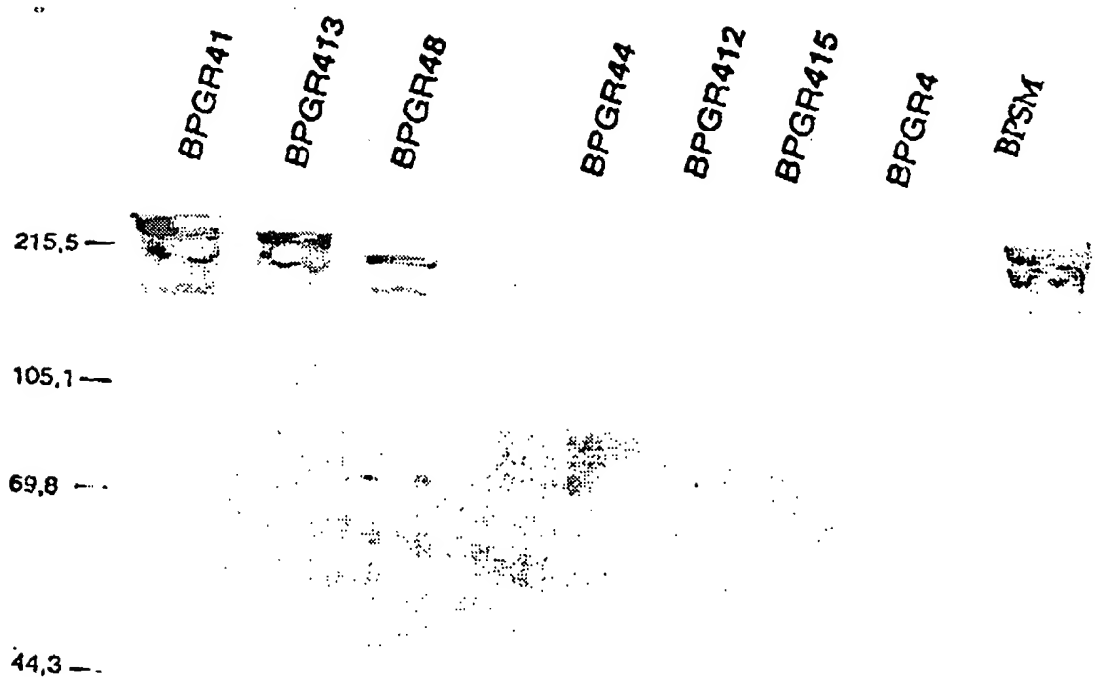


FIGURE 2A

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08/765287



Ac P rat anti-FHA 1/1000

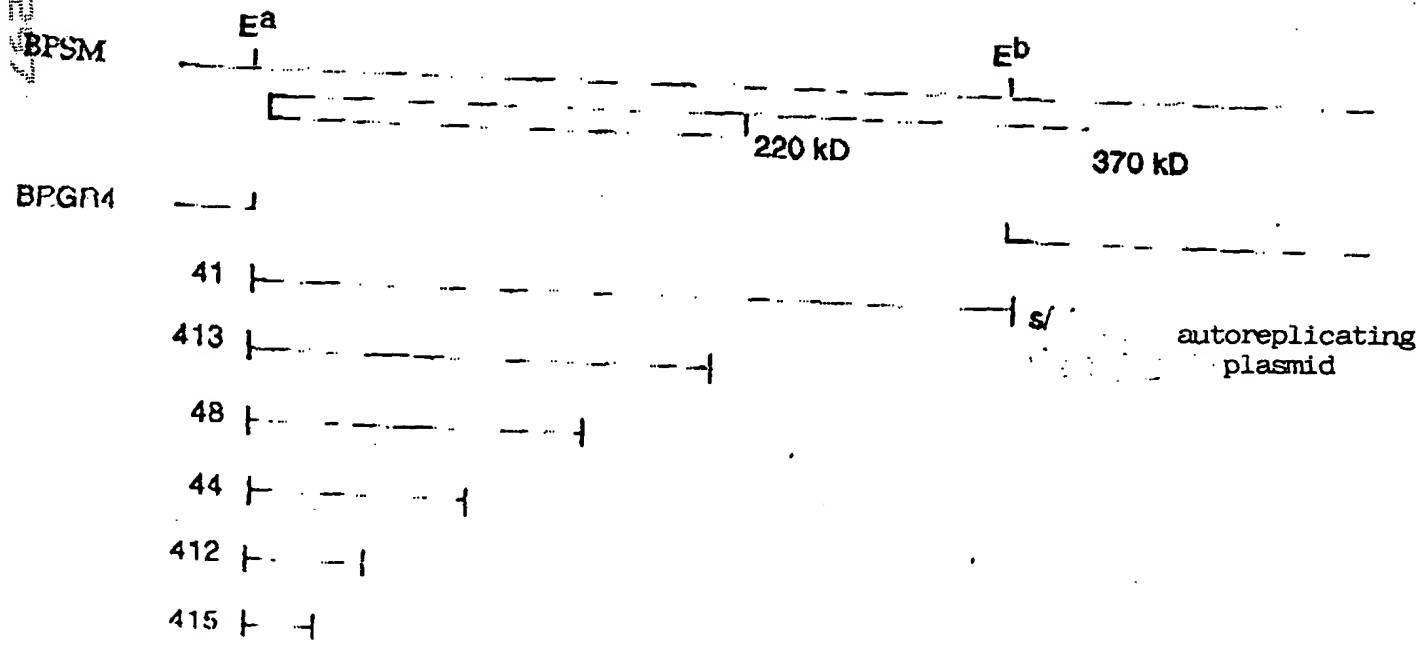
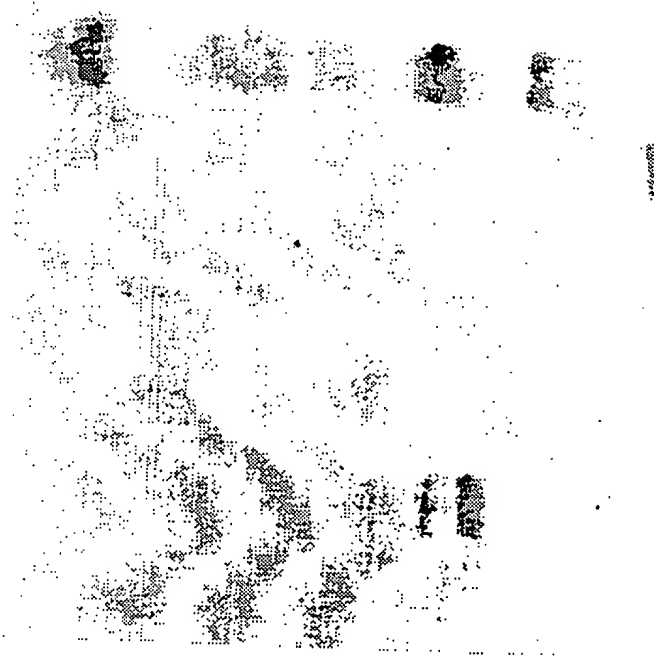


FIGURE 2B



Size markers (kDa)

BPSM

BPGR4

BPGR47

BPMC

BPGR44

BPMC4

69.8  
105.1  
215.5

FIGURE 3A

28.3  
43.3  
69.8  
105.1  
215.5

Size markers (kDa)

BPSM

BPGR4

PEP4

BPSM4

BPGR44

FIGURE 3B

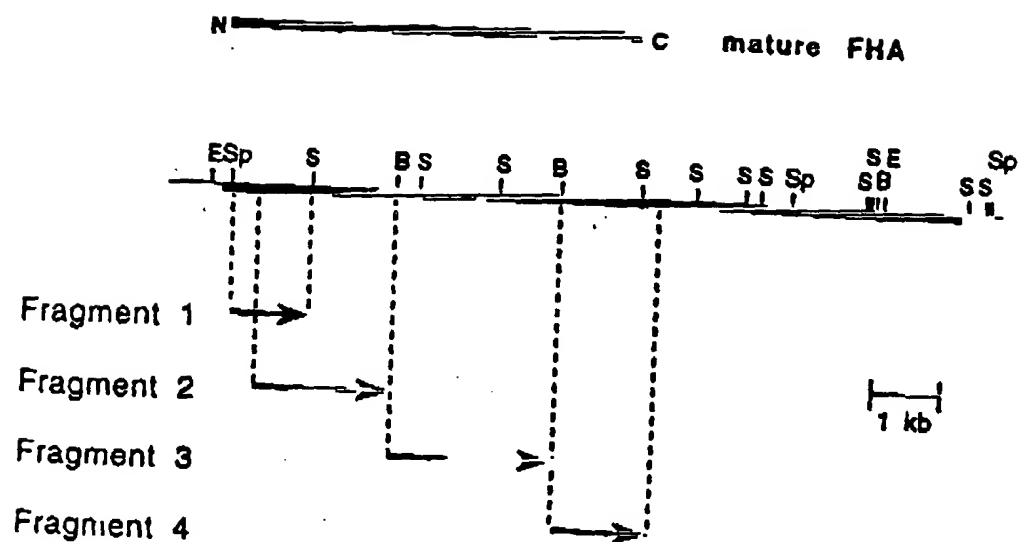
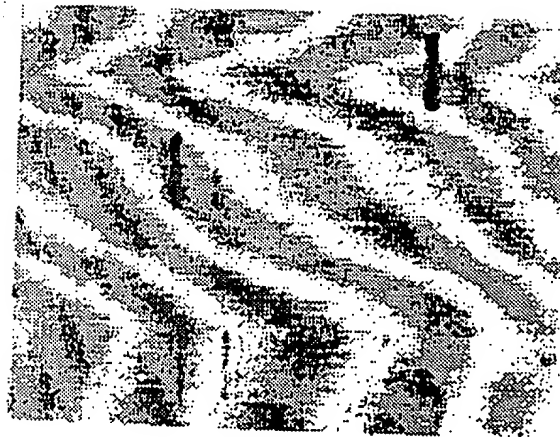


FIGURE 4



BPSM

BPGR44

BPGR4

BPNJ1

FIGURE 5A

28.3

43.3

69.8

105.1

215.5



Sm28GST

BPGR44

BPNJ1

FIGURE 5B

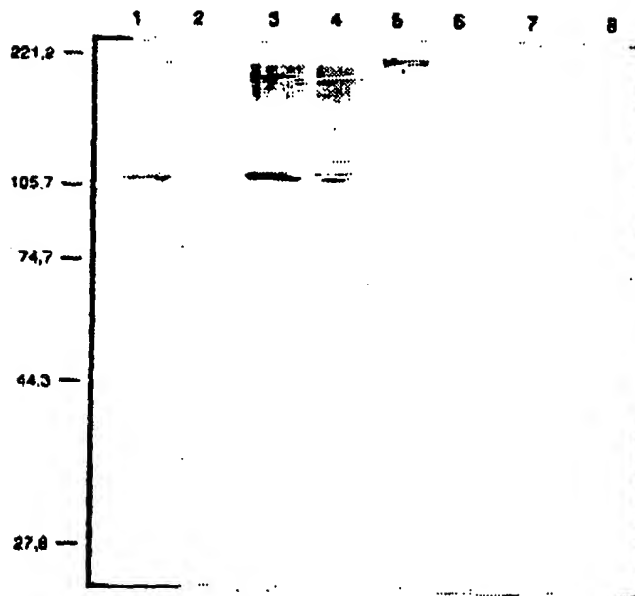


FIGURE 6

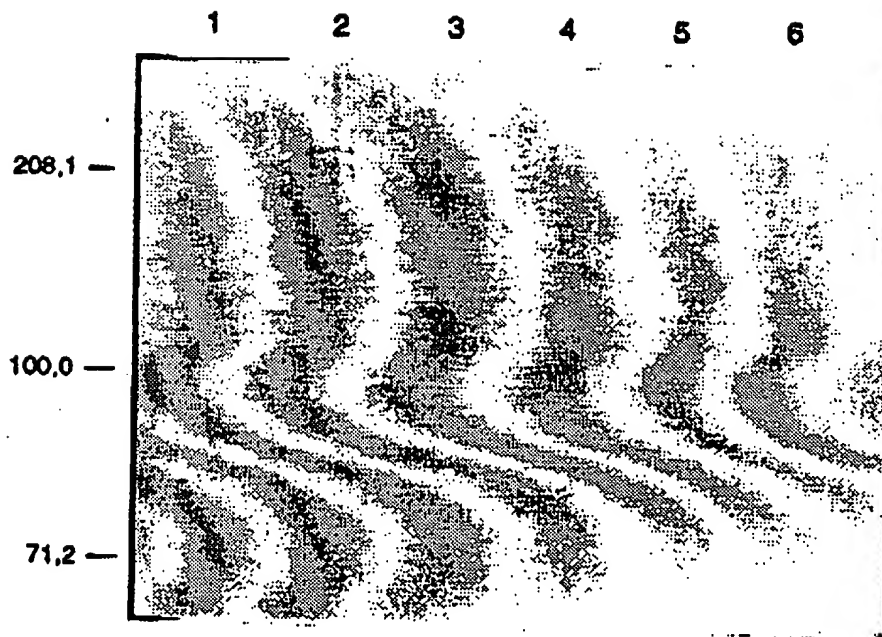


FIGURE 7



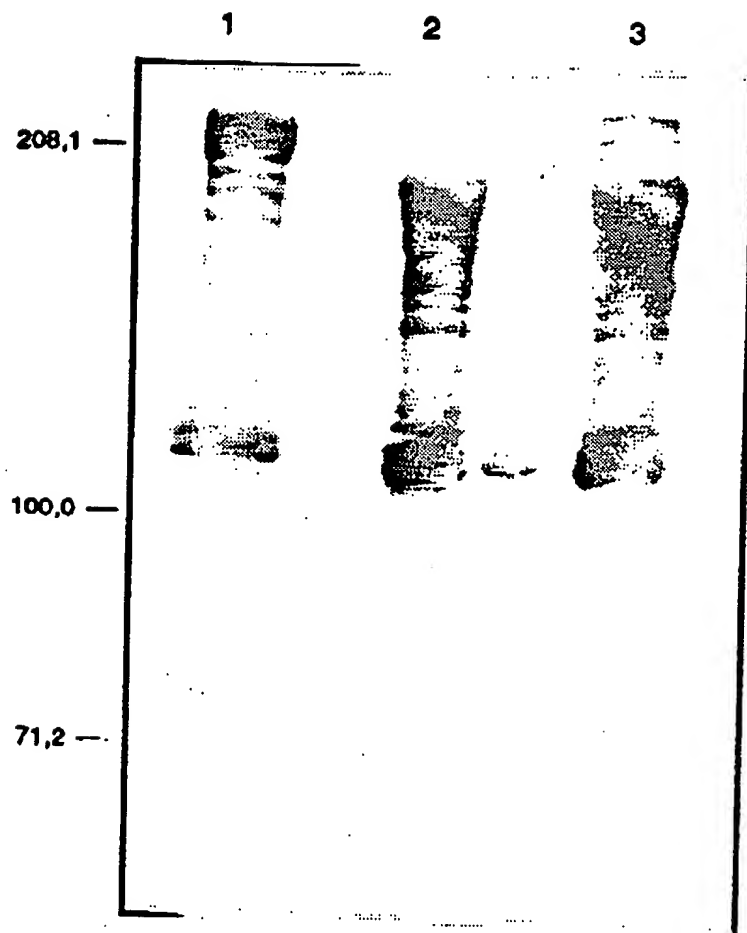


FIGURE 8

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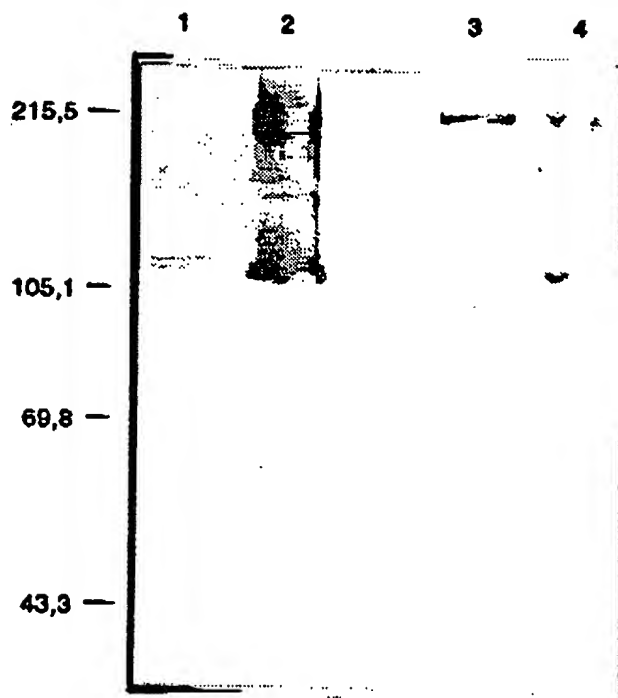


FIGURE 9

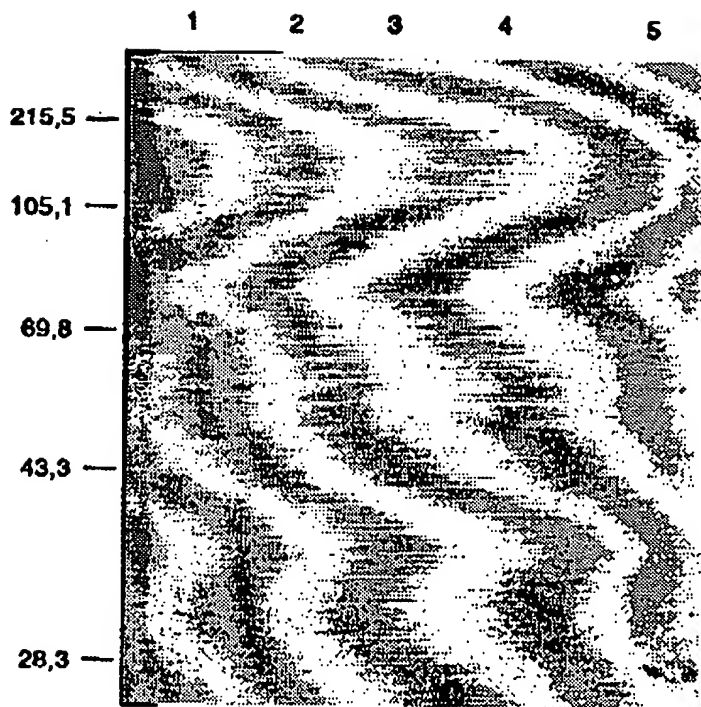


FIGURE 10

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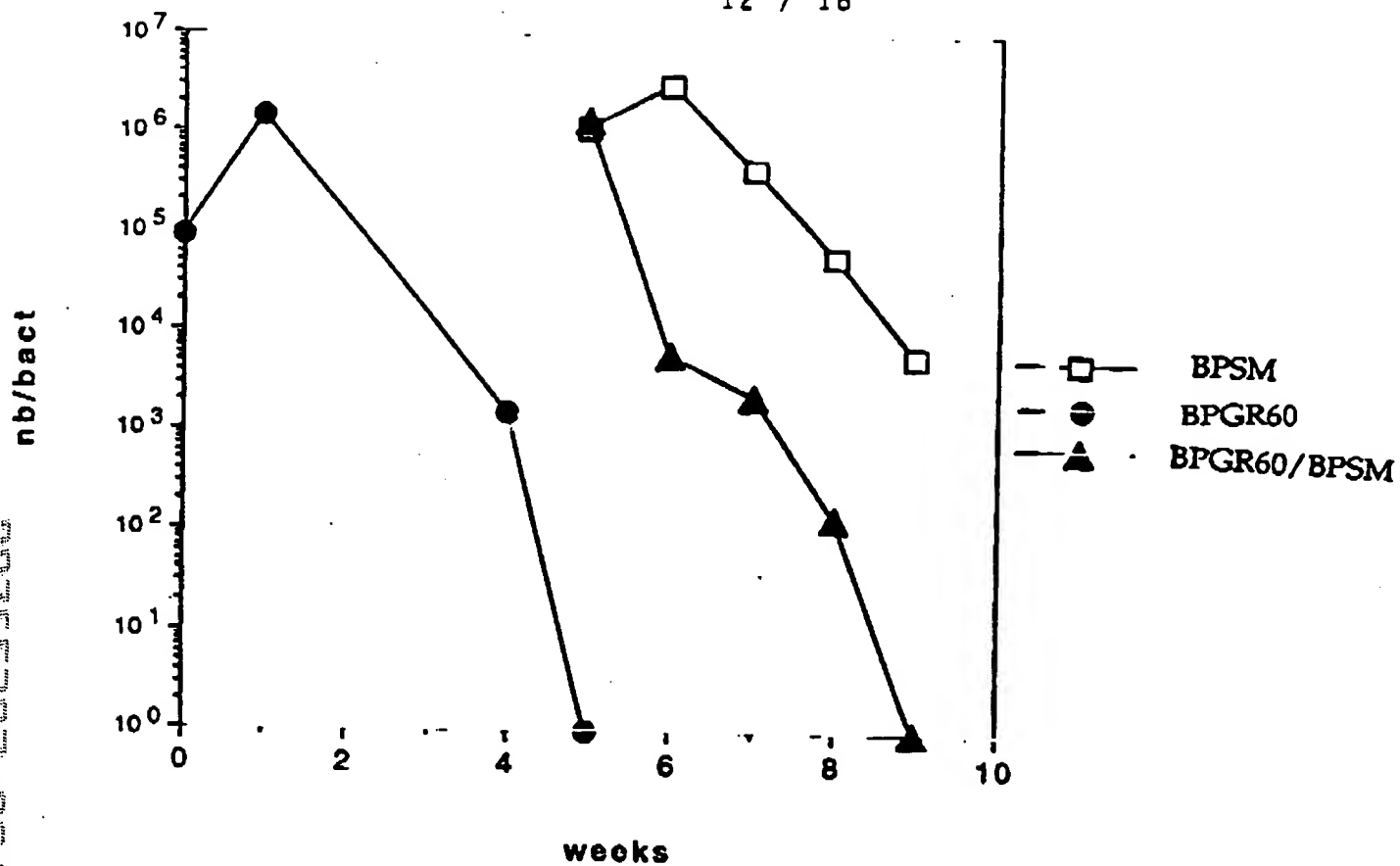


FIGURE 11A

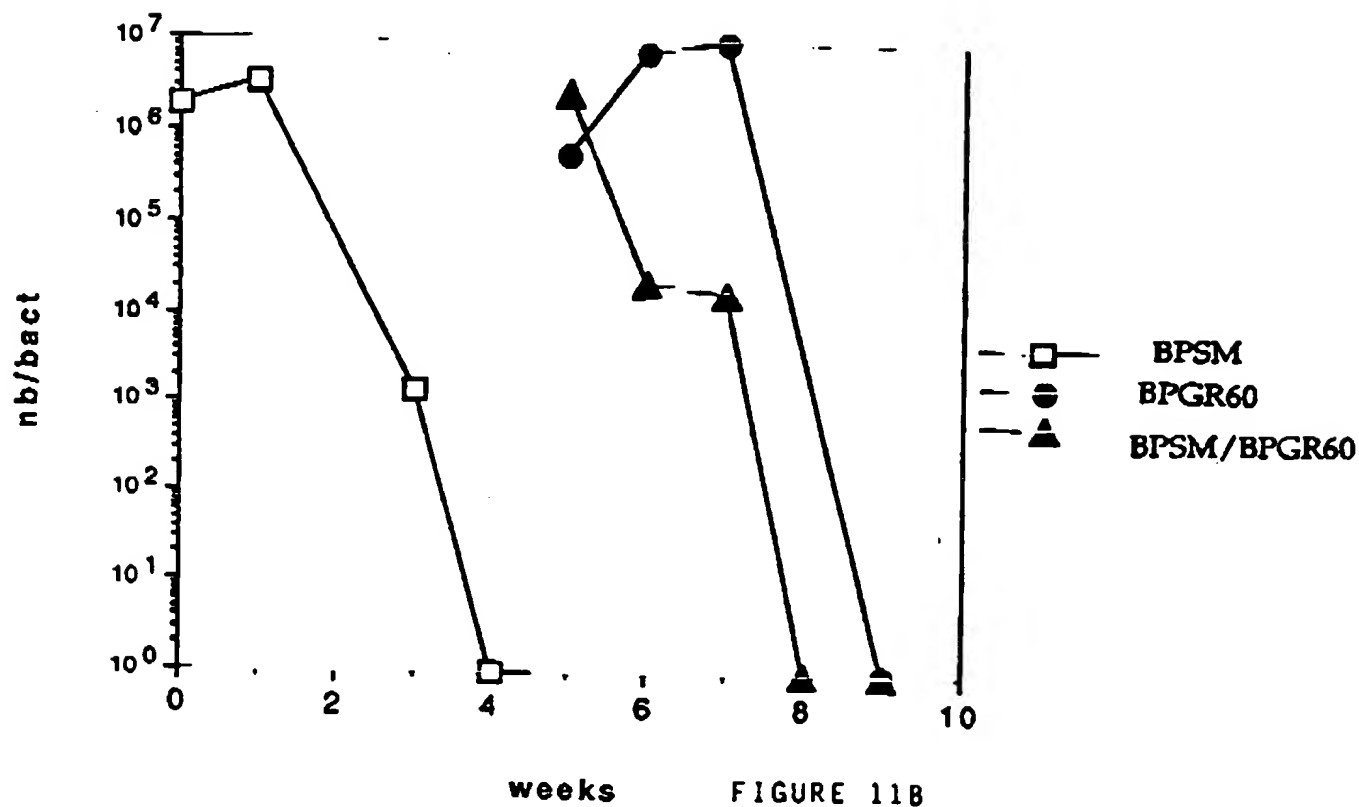


FIGURE 11B

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TNF in the bronchoalveolar lavages of  
OF1 mice infected with BPGR60

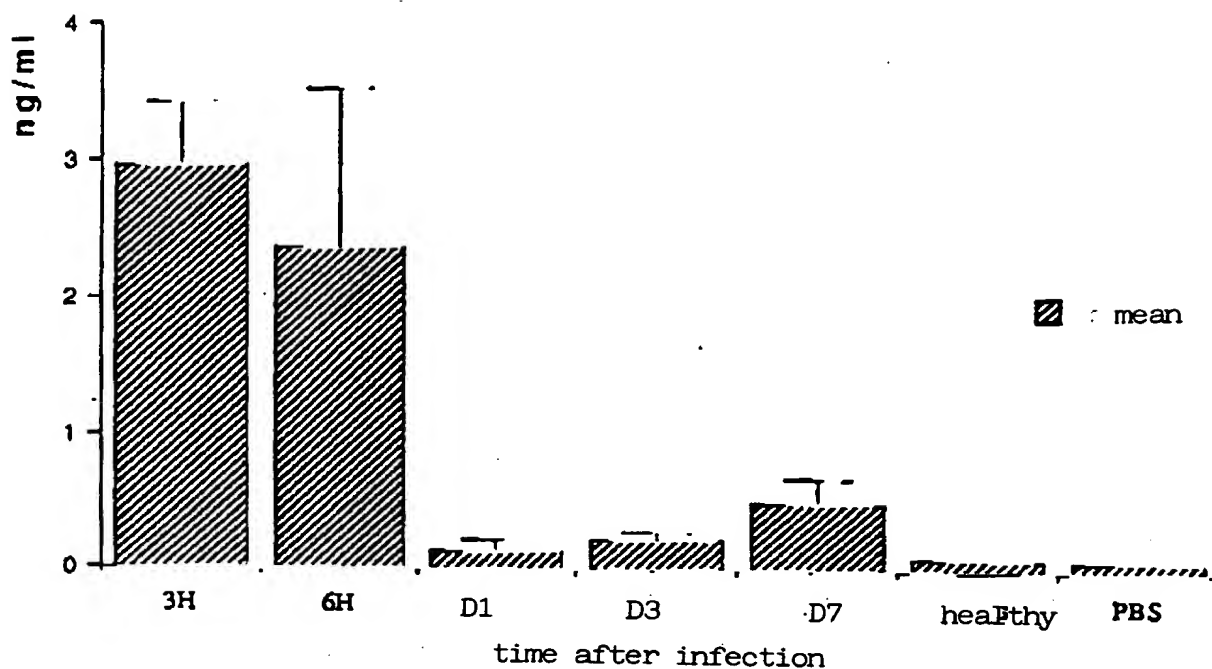


FIGURE 12A

Il-6 in the bronchoalveolar lavages of  
OF1 mice infected with BPGR60

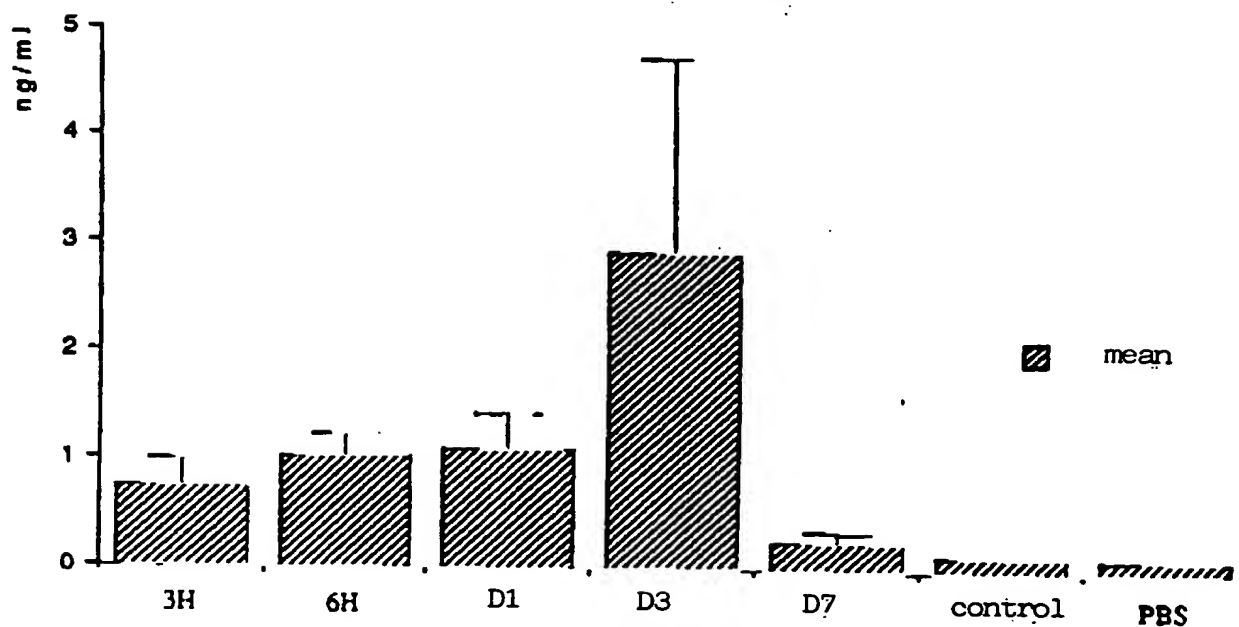


FIGURE 12B

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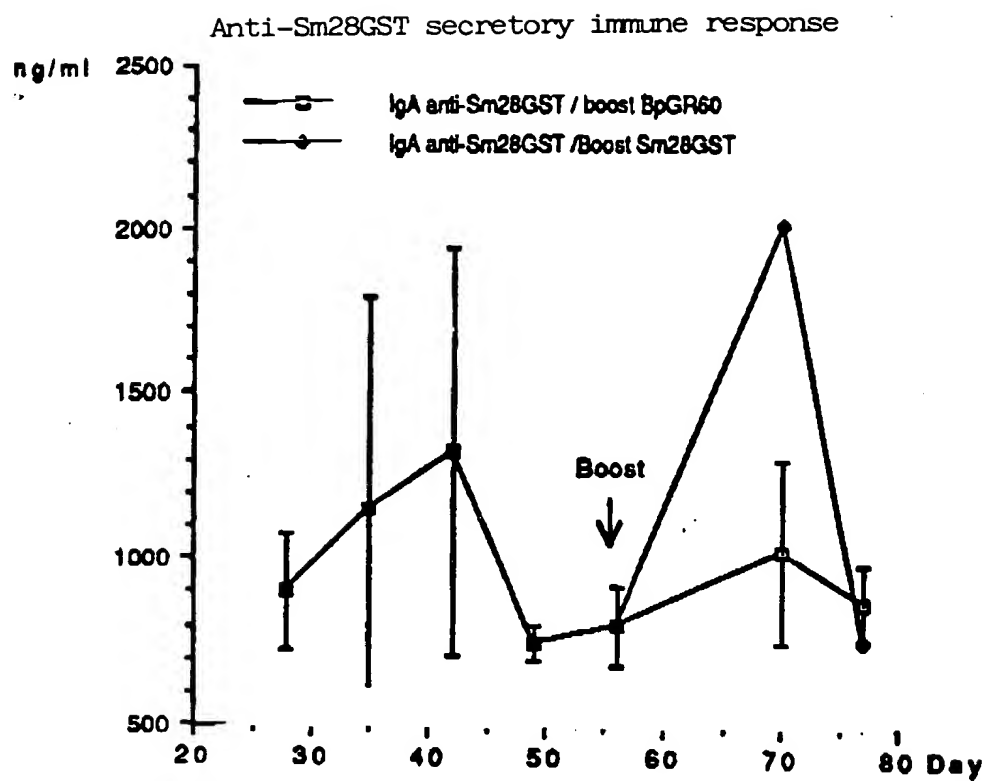


Fig.13A

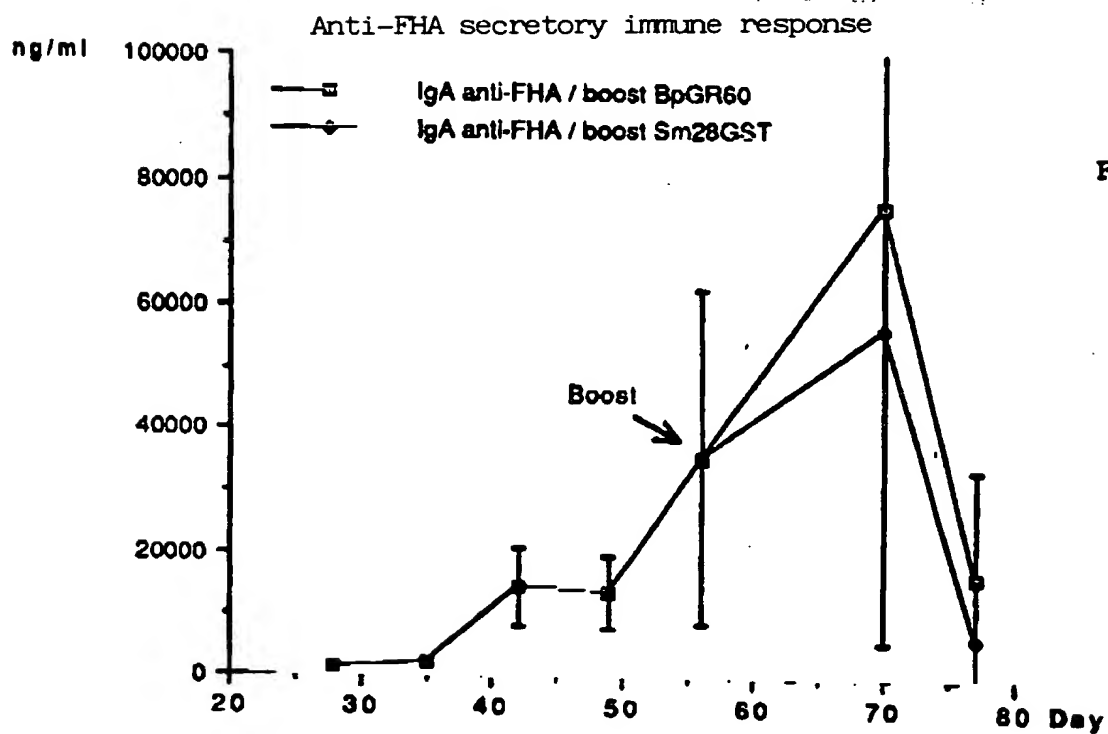


Fig.13B

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Detection of the IgA-sm28GST complexes  
in the bronchoalveolar lavages

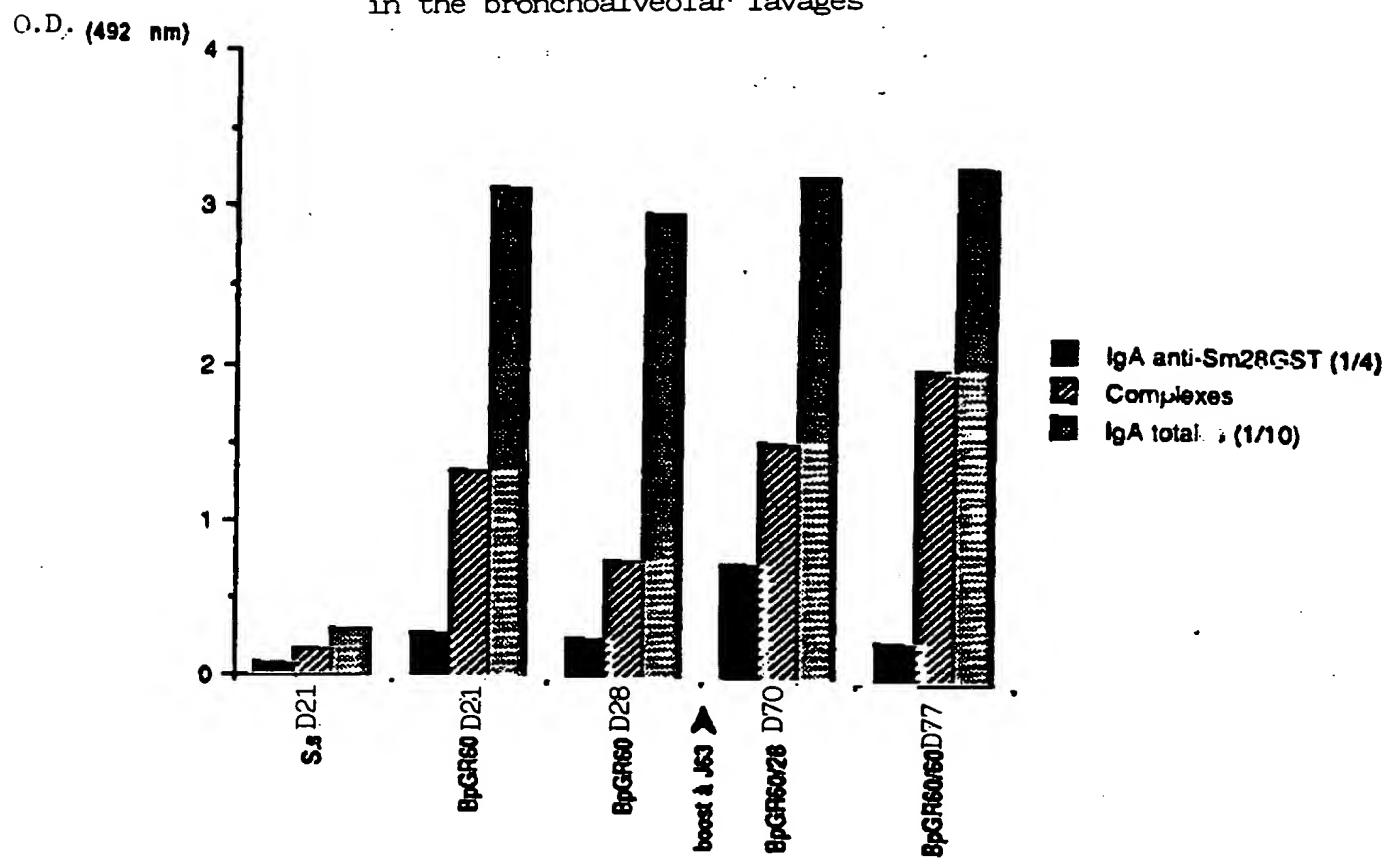


Fig.14

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Evaluation of the infection by *S. mansoni* after immunization with recombinant strain BPGR60

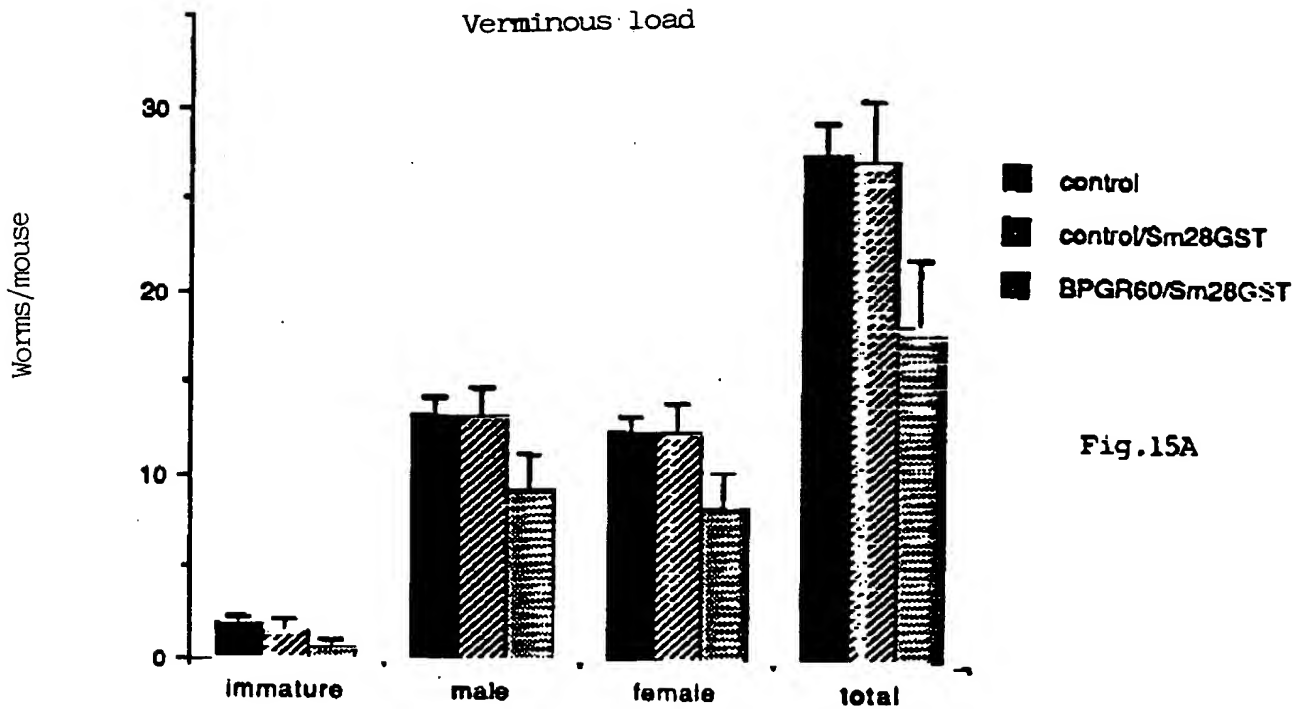


Fig.15A



Fig.15B